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Amendments to the Specification

Paragraph [0050] of the application as published is amended as follows:

Figure ~~relative~~ 3b provides the resulting expression level plot of relative RNAP binding probability ΔP for typical cellular TF concentrations ($\tilde{n}_A, \tilde{n}_B = 3500$, $q_0 = 0.027$, $\omega = 20$, which may be considered as the input-output characteristic of the system), represented by: